

REMARKS

Claims 6, 12, and 16 have been amended. Claims 17-28 have been added and are fully supported within the specification. Claims 1-28 are now pending. Incorporating United States Patent Application Serial No. 09/995,167 (Attorney Docket No. 100.361US01), entitled PASSIVE CMTS REDUNDANCY, by reference in paragraph [0000.1] is not new matter since this application was previously incorporated by reference in paragraph [0018] as originally filed. If the Examiner has any questions, please contact the undersigned at 612 312-2208.

Respectfully submitted,

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MARKED-UP VERSION OF AMMENDMENTS

IN THE CLAIMS

Rewritten claims 6, 12, and 16:

6. (Once amended) A housing for an electronic system comprising:
- a first module;
 - a first backplane disposed within the first module;
 - first and second electronic modules disposed within the first module, each of the first and second electronic modules electrically connected to the first backplane;
 - a second module attached to the first module, the second module comprising a second backplane;
 - a third electronic module disposed within the second module, the third electronic module electrically connected to the first electronic module and to the second backplane;
 - a fourth electronic module disposed within the second module, the fourth electronic module electrically connected to the second electronic module and to the second backplane; and
 - a switch/relay disposed within the second module and connected to the second backplane, the switch/relay adapted to selectively permit communication between the third electronic module and the second electronic module when there is a failure within the first electronic module.
12. (Once amended) A housing for an electronic system comprising:
- a first module comprising a first card cage;
 - a first backplane disposed within the first module;

first and second electronic modules disposed within the first card cage, each of the first and second electronic modules electrically connected to the first backplane;

a second module attached to the first module, the second module comprising a second backplane and a second card cage;

a third electronic module disposed within the second card cage, the third electronic module electrically connected to the first electronic module and to the second backplane;

a fourth electronic module disposed within the second card cage, the fourth electronic module electrically connected to the second electronic module and to the second backplane; and

a switch/relay disposed within the second card cage and connected to the second backplane, the switch/relay adapted to selectively permit communication between the third electronic module and the second electronic module when there is a failure within the first electronic module.

16. (Once amended) A method for modifying a housing containing a non-redundant cable modem termination system to add redundancy to the non-redundant cable modem termination system, the method comprising:

attaching a backplane to the housing;

attaching a card cage to the housing;

inserting a first electronic module into the card cage for electrically connecting the first electronic module to the backplane and to a first electronic module of the non-redundant cable modem termination system;

inserting a second electronic module into the card cage for electrically connecting the second electronic module to the backplane and to a second electronic module of the non-redundant cable modem termination system;

inserting a switch/relay into the card cage for electrically connecting the switch/relay to the backplane, the switch/relay adapted to selectively permit communication between the first electronic module and the second electronic module of the non-redundant cable modem termination system when there is a failure within the first electronic module of the non-redundant cable modem termination system.